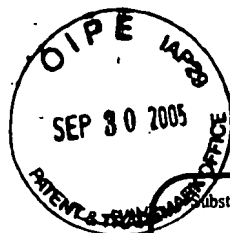


Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :9/30/05;12/21/05;4/3/06;6/21/06;10/10/06;1/23/07;4/20/07;5/29/07.



Substitute for form 1449A/PTO

**ADDITIONAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 13

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark HARBAUGH |
| Art Unit | 3732 |
| Examiner Name | |
| Attorney Docket Number | 50642/287728 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| /DE/ | 1. | US2001/0001120A1 | 05/10/2001 | Masini | |
| | 2. | US2001/0014772A1 | 08/16/2001 | Lampotang, et al. | |
| | 3. | US2001/0016745A1 | 08/23/2001 | Bullivant, et al. | |
| | 4. | US2001/0039421 A1 | 11/08/2001 | Heilbrun, et al. | |
| | 5. | US2002/0002330 A1 | 01/03/2002 | Vilsmeier | |
| | 6. | US2002/0002365A1 | 01/03/2002 | Lechot | |
| | 7. | US2002/0016540 A1 | 02/07/2002 | Mikus, et al. | |
| | 8. | US2002/0029041 A1 | 03/07/2002 | Hover, et al. | |
| | 9. | US2002/0038085A1 | 03/28/2002 | Immerz | |
| | 10. | US2002/0052606 A1 | 05/02/2002 | Bonutti | |
| | 11. | US2002/0065461A1 | 05/30/2002 | Cosman | |
| | 12. | US2002/0068942 A1 | 06/06/2002 | Neubauer, et al. | |
| | 13. | US2002/0072748 A1 | 06/13/2002 | Robioneck | |
| | 14. | US2002/0077540A1 | 06/20/2002 | Kienzle, III | |
| | 15. | US2002/077533 A1 | 06/20/2002 | Bieger, et al. | |
| | 16. | US2002/0085681 A1 | 07/04/2002 | Jensen | |
| | 17. | US2002/0087101A1 | 07/04/2002 | Barrick, et al. | |
| | 18. | US2002/0095081 A1 | 07/18/2002 | Vilsmeier | |
| | 19. | US2002/0107518 A1 | 08/08/2002 | Neubauer, et al. | |
| | 20. | US2002/011594A1 | 01/31/2002 | DeSouza | |
| | 21. | US2002/0133161 A1 | 09/19/2002 | Axelsson, et al. | |
| | 22. | US2002/0133175 A1 | 09/19/2002 | Carson | |
| | 23. | US2002/0147455 | 10/10/2002 | Carson | |
| | 24. | US2002/0151898 A1 | 10/17/2002 | Sohngen, et a. | |
| | 25. | US2002/0156371A1 | 10/24/2002 | Hedlund, et al. | |
| | 26. | US2002/0156479A1 | 10/24/2002 | Schulzki, et al. | |
| | 27. | US2002/0188194A1 | 12/12/2002 | Cosman | |
| | 28. | US2002/0193800 A1 | 12/19/2002 | Kienzle, III, et al. | |
| | 29. | US2002/0198531 A1 | 12/26/2002 | Millard, et al. | |
| | 30. | US2002/0198448A1 | 12/26/2002 | Zuk, et al. | |
| | 31. | US2002/0198451A1 | 12/26/2002 | Carson | |
| | 32. | US2003/0069591A1 | 04/10/2003 | Carson | |
| | 33. | US2003/0018338A1 | 01/23/2003 | Axelsson, Jr., et al. | |
| | 34. | US2003/0045883A1 | 03/06/2003 | Chow, et al. | |
| | 35. | US2003/0153829 A1 | 08/14/2003 | Sarin, et al. | |
| | 36. | US2003/0153859 | 08/14/2003 | Hinshon | |
| | 37. | US2003/0153978A1 | 08/14/2003 | Whiteside | |

Examiner
Signature

/Darwin Erezol/

Date
Considered

10/12/2007

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| | | | | Attorney Docket Number | 50642/287728 |
| Sheet | 2 | of | 13 | | |

| | | | | | |
|------|-----|-------------------|------------|--------------------|--|
| /DE/ | 38. | US2003/0164172 A1 | 09/04/2003 | Chumas, et al. | |
| | 39. | US2003/0181918 A1 | 09/25/2003 | Smothers, et al. | |
| | 40. | US2003/0187351 A1 | 10/02/2003 | Franck, et al. | |
| | 41. | US2003/0187452A1 | 10/02/2003 | Smith et al. | |
| | 42. | US2003/192557 A1 | 10/16/2003 | Krag, et al. | |
| | 43. | US2004/0019382 | 01/29/2004 | Amirouche, et al. | |
| | 44. | US2004/0260290 | 12/23/2004 | Zander et al. | |
| | 45. | US2005/0075632 A1 | 04/07/2005 | Russell, et al. | |
| | 46. | US2005/0085822 A1 | 04/21/2005 | Thornberry, et al. | |
| | 47. | 1,076,971 | 10/28/1913 | Geiger | |
| | 48. | 1,201,467 | 10/17/1916 | Hoglund | |
| | 49. | 2,092,869 | 09/14/1937 | Baum | |
| | 50. | 3,412,733 | 11/26/1968 | Ross | |
| | 51. | 3,457,922 | 07/29/1969 | Ray | |
| | 52. | 3,702,611 | 11/14/1972 | Fishbein | |
| | 53. | 4,305,394 | 12/15/1981 | Bertuch, Jr. | |
| | 54. | 4,323,080 | 04/06/1982 | Melharty | |
| | 55. | 4,421,112 | 12/20/1983 | Mains, et al. | |
| | 56. | 4,457,307 | 07/03/1984 | Stillwell | |
| | 57. | 4,483,554 | 11/20/1984 | Ernst | |
| | 58. | 4,524,766 | 06/25/1985 | Petersen | |
| | 59. | 4,534,364 | 08/13/1985 | Lamoreux | |
| | 60. | 4,566,448 | 01/28/1986 | Rohr, Jr. | |
| | 61. | 4,567,885 | 02/04/1986 | Androphy | |
| | 62. | 4,567,886 | 02/04/1986 | Petersen | |
| | 63. | 4,712,951 | 12/15/1987 | Brown | |
| | 64. | 4,718,413 | 01/12/1988 | Johnson | |
| | 65. | 4,722,056 | 01/26/1988 | Roberts, et al. | |
| | 66. | 4,759,350 | 07/26/1988 | Dunn, et al. | |
| | 67. | 4,802,468 | 02/07/1989 | Powlan | |
| | 68. | 4,803,976 | 02/14/1989 | Frigg, et al. | |
| | 69. | 4,875,475 | 10/24/1989 | Comte, et al. | |
| | 70. | 4,892,093 | 01/09/1990 | Zarnowski, et al. | |
| | 71. | 4,913,163 | 04/03/1990 | Roger, et al. | |
| | 72. | 4,952,213 | 08/28/1990 | Bowman, et al. | |
| | 73. | 4,964,862 | 10/23/1990 | Arms | |
| | 74. | 5,002,545 | 03/26/1991 | Whiteside, et al. | |
| | 75. | 5,037,423 | 08/06/1991 | Kenna | |
| | 76. | 5,053,039 | 10/01/1991 | Hofmann, et al. | |
| V | 77. | 5,078,719 | 01/07/1992 | Schreiber | |
| | 78. | 5,092,869 | 03/03/1992 | Waldron | |

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|--------------------|-----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 13

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark HARBAUGH |
| Art Unit | 3732 |
| Examiner Name | |
| Attorney Docket Number | 50642/287728 |

| | | | | | |
|------|------|-----------|------------|---------------------|--|
| /DE/ | 79. | 5,116,338 | 05/26/1992 | Poggie, et al. | |
| | 80. | 5,122,144 | 06/16/1992 | Bert, et al. | |
| | 81. | 5,129,909 | 07/14/1992 | Sutherland | |
| | 82. | 5,190,547 | 03/02/1993 | Barber, Jr., et al. | |
| | 83. | 5,213,312 | 05/25/1993 | MacDonald | |
| | 84. | 5,217,499 | 06/08/1993 | Shelley | |
| | 85. | 5,230,338 | 07/27/1993 | Allen, et al. | |
| | 86. | 5,246,444 | 09/21/1993 | Schreiber | |
| | 87. | 5,254,119 | 10/19/1993 | Schreiber | |
| | 88. | 5,289,826 | 03/01/1994 | Kovacevic | |
| | 89. | 5,360,016 | 11/01/1994 | Kovacevic | |
| | 90. | 5,364,402 | 11/15/1994 | Mumme, et al. | |
| | 91. | 5,375,588 | 12/27/1994 | Yoon | |
| | 92. | 5,379,133 | 01/03/1995 | Kirk | |
| | 93. | 5,383,454 | 01/24/1995 | Bucholz | |
| | 94. | 5,389,101 | 02/14/1995 | Heilbrun et al. | |
| | 95. | 5,395,376 | 03/07/1995 | Caspari, et al. | |
| | 96. | 5,423,828 | 06/13/1995 | Benson | |
| | 97. | 5,425,355 | 06/20/1995 | Kulick | |
| | 98. | 5,449,360 | 09/12/1995 | Schreiber | |
| | 99. | 5,462,548 | 10/31/1995 | Pappas, et al. | |
| | 100. | 5,462,549 | 10/31/1995 | Glock | |
| | 101. | 5,468,244 | 11/21/1995 | Attfield, et al. | |
| | 102. | 5,470,354 | 11/28/1995 | Hershberger, et al. | |
| | 103. | 5,474,559 | 12/12/1995 | Bertin, et al. | |
| | 104. | 5,486,178 | 01/23/1996 | Hodge | |
| | 105. | 5,490,854 | 02/13/1996 | Fisher, et al. | |
| | 106. | 5,491,510 | 02/13/1996 | Gove | |
| | 107. | 5,507,824 | 04/16/1996 | Lennox | |
| | 108. | 5,514,139 | 05/07/1996 | Goldstein, et al. | |
| | 109. | 5,517,990 | 05/21/1996 | Kalfas, et al. | |
| | 110. | 5,540,691 | 07/30/1996 | Elmstrom, et al. | |
| | 111. | 5,540,695 | 07/30/1996 | Levy | |
| | 112. | 5,540,696 | 07/30/1996 | Booth, Jr., et al. | |
| | 113. | 5,569,260 | 10/29/1996 | Petersen | |
| | 114. | 5,597,379 | 01/28/1997 | Haines, et al. | |
| | 115. | 5,598,269 | 01/28/1997 | Kitaevich, et al. | |
| | 116. | 5,603,318 | 02/18/1997 | Heilbrun, et al. | |
| | 117. | 5,613,969 | 03/25/1997 | Jenkins, Jr. | |
| | 118. | 5,643,268 | 07/01/1997 | Vilsmeier, et al. | |
| | 119. | 5,643,272 | 07/01/1997 | Haines, et al. | |

Examiner
Signature

/Darwin Erezol/

Date
Considered

10/12/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

of

13

Complete if Known

Application Number

10/760,999

Filing Date

January 20, 2004

First Named Inventor

Mark HARBAUGH

Art Unit

3732

Examiner Name

Attorney Docket Number

50642/287728

| | | | | | |
|------|------|-----------|------------|---------------------|--|
| /DE/ | 120. | 5,658,290 | 08/19/1997 | Lechot | |
| | 121. | 5,669,914 | 09/23/1997 | Eckhoff | |
| | 122. | 5,676,668 | 10/14/1997 | McCue, et al. | |
| | 123. | 5,682,886 | 11/04/1997 | Delp, et al. | |
| | 124. | 5,695,501 | 12/09/1997 | Carol, et al. | |
| | 125. | 5,702,406 | 12/30/1997 | Vilsmeier, et al. | |
| | 126. | 5,707,370 | 01/13/1998 | Berki, et al. | |
| | 127. | 5,709,689 | 01/20/1998 | Ferrante, et al. | |
| | 128. | 5,715,836 | 02/10/1998 | Kliegis, et al. | |
| | 129. | 5,716,361 | 02/10/1998 | Masini | |
| | 130. | 5,720,752 | 02/24/1998 | Elliott, et al. | |
| | 131. | 5,722,978 | 03/03/1998 | Jenkins, Jr. | |
| | 132. | 5,733,292 | 05/31/1998 | Gustilo, et al. | |
| | 133. | 5,735,904 | 04/07/1998 | Pappas | |
| | 134. | 5,743,915 | 04/28/1998 | Bertin, et al. | |
| | 135. | 5,748,767 | 05/05/1998 | Raab | |
| | 136. | 5,755,725 | 05/26/1998 | Druais | |
| | 137. | 5,755,803 | 05/26/1998 | Haines, et al. | |
| | 138. | 5,769,861 | 06/23/1998 | Vilsmeier | |
| | 139. | 5,772,593 | 06/30/1998 | Hakamata | |
| | 140. | 5,772,594 | 06/30/1998 | Barrick | |
| | 141. | 5,776,064 | 07/07/1998 | Kalfas, et al. | |
| | 142. | 5,782,842 | 07/21/1998 | Kloess, et al. | |
| | 143. | 5,792,147 | 08/11/1998 | Evans, et al. | |
| | 144. | 5,799,055 | 08/25/1998 | Peshkin, et al. | |
| | 145. | 5,800,352 | 09/01/1998 | Ferre, et al. | |
| | 146. | 5,800,438 | 09/01/1998 | Tuke, et al. | |
| | 147. | 5,807,252 | 09/15/1998 | Hassfeld, et al. | |
| | 148. | 5,810,827 | 09/22/1998 | Haines, et al. | |
| | 149. | 5,810,841 | 09/22/1998 | McNeirney, et al. | |
| | 150. | 5,817,097 | 10/06/1998 | Howard, et al. | |
| | 151. | 5,836,954 | 11/17/1998 | Heilbrun, et al. | |
| | 152. | 5,848,967 | 12/15/1998 | Cosman | |
| | 153. | 5,850,836 | 12/22/1998 | Steiger, et al. | |
| | 154. | 5,860,981 | 01/19/1999 | Bertin, et al. | |
| | 155. | 5,865,809 | 02/02/1999 | Moenning, et al. | |
| | 156. | 5,871,018 | 02/16/1999 | Delp, et al. | |
| | 157. | 5,871,445 | 02/16/1999 | Bucholz | |
| | 158. | 5,879,352 | 03/09/1999 | Filoso, et al. | |
| | 159. | 5,879,354 | 03/09/1999 | Haines, et al. | |
| ✓ | 160. | 5,880,976 | 03/09/1999 | DiGioia III, et al. | |

Examiner
Signature

/Darwin Erezol/

Date
Considered

10/12/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

5

of

13

Complete if Known

Application Number

10/760,999

Filing Date

January 20, 2004

First Named Inventor

Mark HARBAUGH

Art Unit

3732

Examiner Name

Attorney Docket Number

50642/287728

| | | | | | |
|------|------|-----------|------------|---------------------|--|
| /DE/ | 161. | 5,885,296 | 03/23/1999 | Masini | |
| | 162. | 5,885,297 | 03/23/1999 | Matsen, III | |
| | 163. | 5,916,221 | 06/29/1999 | Hodorek, et al. | |
| | 164. | 5,920,395 | 07/06/1999 | Schulz | |
| | 165. | 5,921,992 | 07/13/1999 | Costales, et al. | |
| | 166. | 5,925,049 | 07/20/1999 | Gustilo, et al. | |
| | 167. | 5,935,128 | 08/10/1999 | Carter, et al. | |
| | 168. | 5,938,665 | 08/17/1999 | Martin | |
| | 169. | 5,944,722 | 08/31/1999 | Masini | |
| | 170. | 5,947,973 | 09/07/1999 | Masini | |
| | 171. | 5,951,561 | 09/14/1999 | Pepper, et al. | |
| | 172. | 5,957,926 | 09/28/1999 | Masini | |
| | 173. | 5,961,523 | 10/05/1999 | Masini | |
| | 174. | 5,971,989 | 10/26/1999 | Masini | |
| | 175. | 5,980,526 | 11/09/1999 | Johnson, et al. | |
| | 176. | 5,999,837 | 12/07/1999 | Messner, et al. | |
| | 177. | 6,001,106 | 12/14/1999 | Ryan, et al. | |
| | 178. | 6,002,859 | 12/14/1999 | DiGioia III, et al. | |
| | 179. | 6,006,126 | 12/21/1999 | Cosman | |
| | 180. | 6,007,537 | 12/28/1999 | Burkinshaw, et al. | |
| | 181. | 6,010,506 | 01/04/2000 | Gosney, et al. | |
| | 182. | 6,011,987 | 01/04/2000 | Barnett | |
| | 183. | 6,016,606 | 01/25/2000 | Oliver, et al. | |
| | 184. | 6,021,342 | 02/01/2000 | Brabrand | |
| | 185. | 6,021,343 | 02/01/2000 | Foley, et al. | |
| | 186. | 6,022,377 | 02/08/2000 | Nuelle, et al. | |
| | 187. | 6,026,315 | 02/15/2000 | Lenz, et al. | |
| | 188. | 6,030,391 | 02/29/2000 | Brainard, et al. | |
| | 189. | 6,033,410 | 03/07/2000 | McLean, et al. | |
| | 190. | 6,041,249 | 03/21/2000 | Regn | |
| | 191. | 6,044,291 | 03/28/2000 | Rockseisen | |
| | 192. | 6,050,724 | 04/18/2000 | Schmitz, et al. | |
| | 193. | 6,053,922 | 04/25/2000 | Krause, et al. | |
| | 194. | 6,056,756 | 05/02/2000 | Eng, et al. | |
| | 195. | 6,068,633 | 05/30/2000 | Masini | |
| | 196. | 6,069,932 | 05/30/2000 | Peshkin, et al. | |
| | 197. | 6,077,269 | 06/20/2000 | Masini | |
| | 198. | 6,081,336 | 06/27/2000 | Messner, et al. | |
| | 199. | 6,083,163 | 07/04/2000 | Wegner, et al. | |
| ↓ | 200. | 6,102,916 | 08/15/2000 | Masini | |
| | 201. | 6,132,433 | 10/17/2000 | Whelan | |

Examiner
Signature

/Darwin Erezò/

Date
Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| Sheet | 6 | of | 13 | Attorney Docket Number | 50642/287728 |

| | | | | | |
|------|------|--------------|------------|----------------------|--|
| /DE/ | 202. | 6,143,390 | 11/07/2000 | Takamiya, et al. | |
| | 203. | 6,144,875 | 11/07/2000 | Schweikard, et al. | |
| | 204. | 6,146,390 | 11/14/2000 | Heilbrun, et al. | |
| | 205. | 6,148,280 | 11/14/2000 | Kramer | |
| | 206. | 6,161,033 | 12/12/2000 | Kuhn | |
| | 207. | 6,162,190 | 12/19/2000 | Kramer | |
| | 208. | 6,165,181 | 12/26/2000 | Heilbrun, et al. | |
| | 209. | 6,167,292 | 12/26/2000 | Badano, et al. | |
| | 210. | 6,167,295 | 12/26/2000 | Cosman | |
| | 211. | 6,167,296 | 12/26/2000 | Shahidi | |
| | 212. | 6,168,627 B1 | 01/02/2001 | Huebner | |
| | 213. | 6,185,315 B1 | 02/06/2001 | Schmucker, et al. | |
| | 214. | 6,187,010 B1 | 02/13/2001 | Masini | |
| | 215. | 6,190,320 B1 | 02/20/2001 | Lelong | |
| | 216. | 6,190,395 B1 | 02/20/2001 | Williams | |
| | 217. | 6,195,168 B1 | 02/27/2001 | De Lega, et al. | |
| | 218. | 6,197,064 | 03/06/2001 | Haines, et al. | |
| | 219. | 6,198,794 B1 | 03/06/2001 | Peshkin, et al. | |
| | 220. | 6,200,316 B1 | 03/13/2001 | Zwirkoski, et al. | |
| | 221. | 6,205,411 | 03/20/2001 | DiGioia, III, et al. | |
| | 222. | 6,211,976 B1 | 04/03/2001 | Popovich, et al. | |
| | 223. | 6,214,011 B1 | 04/10/2001 | Masini | |
| | 224. | 6,216,029 B1 | 04/10/2001 | Paltiel | |
| | 225. | 6,223,067 B1 | 04/24/2001 | Vilsmeier, et al. | |
| | 226. | 6,226,548 B1 | 05/01/2001 | Foley, et al. | |
| | 227. | 6,228,090 B1 | 05/08/2001 | Waddell | |
| | 228. | 6,235,038 B1 | 05/22/2001 | Hunter, et al. | |
| | 229. | 6,236,875 B1 | 05/22/2001 | Bucholz, et al. | |
| | 230. | 6,241,735 B1 | 06/05/2001 | Marmulla | |
| | 231. | 6,249,581 B1 | 06/19/2001 | Kok | |
| | 232. | 6,258,095 B1 | 07/10/2001 | Lombardo, et al. | |
| | 233. | 6,258,096 B1 | 07/10/2001 | Seki | |
| | 234. | 6,264,647 B1 | 07/24/2001 | Lechot | |
| | 235. | 6,283,971 B1 | 09/04/2001 | Temeles | |
| | 236. | 6,285,902 B1 | 09/04/2001 | Kienzle, III, et al. | |
| | 237. | 6,317,616 B1 | 11/13/2001 | Glossop | |
| | 238. | 6,332,891 B1 | 12/25/2001 | Himes | |
| | 239. | 6,333,971 B2 | 12/25/2001 | McCrorry, et al. | |
| | 240. | 6,344,853 B1 | 02/05/2002 | Knight | |
| | 241. | 6,347,240 B1 | 02/12/2002 | Foley, et al. | |
| | 242. | 6,351,659 B1 | 02/26/2002 | Vilsmeier | |
| ✓ | 243. | 6,351,661 B1 | 02/26/2002 | Cosman | |

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|--------------------|-----------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

7

of

13

Complete if Known

Application Number

10/760,999

Filing Date

January 20, 2004

First Named Inventor

Mark HARBAUGH

Art Unit

3732

Examiner Name

Attorney Docket Number

50642/287728

| | | | | | |
|------|------|--------------|------------|-----------------------------|--|
| /DE/ | 244. | 6,377,839 B1 | 04/23/2002 | Kalfas, <i>et al.</i> | |
| | 245. | 6,385,475 | 05/07/2002 | Cinquin, <i>et al.</i> | |
| | 246. | 6,405,072 B1 | 06/11/2002 | Cosman | |
| | 247. | 6,413,261 B1 | 07/02/2002 | Grundeir | |
| | 248. | 6,434,507 B1 | 08/13/2002 | Clayton, <i>et al.</i> | |
| | 249. | 6,440,140 B2 | 08/27/2002 | Bullivant, <i>et al.</i> | |
| | 250. | 6,451,059 B1 | 09/17/2002 | Janas, <i>et al.</i> | |
| | 251. | 6,458,135 B1 | 10/01/2002 | Harwin, <i>et al.</i> | |
| | 252. | 6,468,202 B1 | 10/22/2002 | Irion, <i>et al.</i> | |
| | 253. | 6,477,400 | 11/05/2002 | Barrick | |
| | 254. | 6,478,799 | 11/12/2002 | Williamson | |
| | 255. | 6,490,467 B1 | 12/03/2002 | Bucholz, <i>et al.</i> | |
| | 256. | 6,491,429 B1 | 12/10/2002 | Suhm | |
| | 257. | 6,491,702 B2 | 12/10/2002 | Heilbrun, <i>et al.</i> | |
| | 258. | 6,503,249 | 01/ /2003 | Krause, William R. | |
| | 259. | 6,503,254 B2 | 01/07/2003 | Masini | |
| | 260. | 6,527,443 B1 | 03/04/2003 | Vilsmeier, <i>et al.</i> | |
| | 261. | 6,540,739 B2 | 04/01/2003 | Lechot | |
| | 262. | 6,546,279 B1 | 04/08/2003 | Bova, <i>et al.</i> | |
| | 263. | 6,551,319 B2 | 04/22/2003 | Lieberman | |
| | 264. | 6,551,324 B2 | 04/22/2003 | Muller | |
| | 265. | 6,551,325 B2 | 04/22/2003 | Neubauer, <i>et al.</i> | |
| | 266. | 6,558,391 B2 | 05/06/2003 | Axelson, Jr., <i>et al.</i> | |
| | 267. | 6,558,421 | 05/06/2003 | Fell, <i>et al.</i> | |
| | 268. | 6,567,687 B2 | 05/20/2003 | Front, <i>et al.</i> | |
| | 269. | 6,574,493 B2 | 06/03/2003 | Rasche, <i>et al.</i> | |
| | 270. | 6,595,997 B2 | 07/22/2003 | Axelson, Jr., <i>et al.</i> | |
| | 271. | 6,602,259 B1 | 08/05/2003 | Masini | |
| | 272. | 6,620,268 | 09/16/2003 | Cho, <i>et al.</i> | |
| | 273. | 6,640,127 B1 | 10/28/2003 | Kosaka, <i>et al.</i> | |
| | 274. | 6,652,142 B2 | 11/25/2003 | Launay, <i>et al.</i> | |
| | 275. | 6,662,036 B2 | 12/09/2003 | Cosman | |
| | 276. | 6,673,077 B1 | 01/06/2004 | Katz | |
| | 277. | 6,685,711 | 02/03/2004 | Axelson, Jr., <i>et al.</i> | |
| | 278. | 6,692,447 B1 | 02/17/2004 | Picard | |
| | 279. | 6,695,848 | 02/24/2004 | Haines | |
| | 280. | 6,702,821 | 03/09/2004 | Bonutti | |
| | 281. | 6,711,431 B2 | 03/23/2004 | Sarin, <i>et al.</i> | |
| | 282. | 6,712,823 B2 | 03/30/2004 | Grusin, <i>et al.</i> | |
| ✓ | 283. | 6,712,824 B2 | 03/30/2004 | Millard, <i>et al.</i> | |
| | 284. | 6,716,249 B2 | 04/06/2004 | Hyde | |

Examiner
Signature

/Darwin Erezol/

Date
Considered

10/12/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | |
|--|---|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| Sheet | 8 | of | 13 | Attorney Docket Number | 50642/287728 |

| | | | | | |
|------|------|--------------|------------|---------------------|--|
| /DE/ | 285. | 6,725,082 | 04/20/2004 | Sati, <i>et al.</i> | |
| ↓ | 286. | 6,780,190 B2 | 08/24/2004 | Maroney | |
| | 287. | 6,827,723 B2 | 12/07/2004 | Carson | |

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|-----------------------|-----------------|--------------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | | |
|--|---|------------------|----|--------------------------|--|--|
| Substitute for form 1449A/PTO ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | | |
| Application Number | | 10/760,999 | | | | |
| Filing Date | | January 20, 2004 | | | | |
| First Named Inventor | | Mark HARBAUGH | | | | |
| Art Unit | | 3732 | | | | |
| Examiner Name | | | | | | |
| Attorney Docket Number | | 50642/287728 | | | | |
| Sheet | 9 | of | 13 | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|---|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ² - Number ³ - Kind Code ² (if known) | | | | |
| /DE/ < | | | | | | |

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|--------------------|-----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | |
|-------|----|----|----|
| Sheet | 10 | of | 13 |
|-------|----|----|----|

Complete if Known

| | |
|-------------------------------|-------------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark HARBAUGH |
| Art Unit | 3732 |
| Examiner Name | |
| Attorney Docket Number | 50642/287728 |

[illegible]

**Examiner
Signature**

/Darwin Erezol/

Date Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|----|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| Sheet | 11 | of | 13 | Attorney Docket Number | 50642/287728 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /DE/ | 351. | Barnes, <i>et al.</i> , "Unicompartmental Knee Arthroplasty," <i>Bombay Hospital Journal</i> , Issue Special, pp. 1-5, www.bhj.org/journal/1996/3803_july/special_486.htm | |
| | 352. | Bonutti, <i>et al.</i> , "Minimal Incision Total Knee Arthroplasty Using the Suspended Leg Technique," <i>Orthopedics</i> , (published September 2003), 6 pages http://www.orthobluejournal.com/0903/9tips.asp | |
| | 353. | Bonutti, "Total Joint Replacement Surgery in the 21 st Century - New 'Limited-Incision' Total Knee Replacement Offers Important Advantages," 01 page (undated) | |
| | 354. | Croitoru, <i>et al.</i> , "Fixation-Based Surgery: A New Technique for Distal Radius Osteotomy," <i>Clinical Paper, Computer Aided Surgery</i> 2001, 160-169, Vol. 6 (2001) | |
| | 355. | Delp, <i>et al.</i> , "Computer-Assisted Knee Replacement," <i>Clinical Orthopaedics and Related Research</i> , 354:49-56 (1998) | |
| | 356. | Deluzio, <i>et al.</i> , "Static alignment and the adduction moment in unicompartmental arthroplasty patients," Presented at NACOB 98: North American Congress on Biomechanics, University of Waterloo, Ontario, Canada, August 14-18, 1998 | |
| | 357. | DiGioia, <i>et al.</i> , "Computer Assisted Orthopedic Surgery," <i>Clinical Orthopaedics and Related Research</i> , September 1998, Volume 354, pp. 8-16 | |
| | 358. | Ellis, <i>et al.</i> , "A Surgical Planning and Guidance System for High Tibial Osteotomy," <i>Journal of Computer-Assisted Surgery</i> , 4(5):264-274 (1999) | |
| | 359. | Foley, <i>et al.</i> , "Percutaneous pedicle screw fixation of the lumbar spine," <i>Neurosurg. Focus</i> , Vol. 10(4), pp. 1-8 (2001) | |
| | 360. | Glossop, http://www.traxta.com/papers/cua/model.html , 8 pages (02/06/2002) | |
| | 361. | Iyun, <i>et al.</i> , "Planning and Performing the Ilizarov Method with the Taylor Spatial Frame," Abstract, at 2 nd Annual Meeting of International Society for Computer Assisted Orthopaedic Surgery, June 21, 2002, pp. 145-147 | |
| | 362. | Kanade, <i>et al.</i> , "Image-Based Computer Assisted Orthopedic Surgery System," Bonecraft, Inc., 12 pages, April 30, 2001 | |
| | 363. | Kiefer, <i>et al.</i> , "Computer Aided Knee Arthroplasty Versus Conventional Technique - First Results," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001 | |
| ↓ | 364. | Kunz, <i>et al.</i> , "Development and Verification of a Non-CT Based Total Knee Arthroplasty System for the LCS Prosthesis," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001 | |

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|--------------------|-----------------|-----------------|------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|----|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| Sheet | 12 | of | 13 | Attorney Docket Number | 50642/287728 |

| | | | |
|------|------|---|--|
| /DE/ | 365. | Munoz, <i>et al.</i> , "Computer Assisted Planning of Hig Tibial Osteotomy for the Treatment of Knee Osteoarthritis," http://www.utc.fr/esb/esb09/abs_htm/570.html (02/21/2002) (three pages) | |
| | 366. | Picard, <i>et al.</i> , "Kneenav.TKR: Concept and Clinical Application," Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA., June 15-17, 2000 | |
| | 367. | Saragaglia, <i>et al.</i> , "Computer Assisted Total Knee Arthroplasty: Comparison with a Conventional Procedure. Results of a 50 Cases Prospective Randomized Study," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001 | |
| | 368. | Simon, <i>et al.</i> , "The Fundamentals of Virtual Fluoroscopy," Medtronic Surgical Navigation Technologies, Medtronic, pp. 57-66, Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA, June 15-17, 2000 | |
| | 369. | Sugano, <i>et al.</i> , "Medical Robotics and Computer-Assisted Surgery in the Surgical Treatment of Patients and Rheumatic Diseases," <i>Cutting Edge Reports</i> , http://www.rheuma21st.com/archives/cutting_edge_Robotics_Japan.html (04/27/2000) | |
| | 370. | Suhm, <i>et al.</i> , "Adapting the C-Arm Fluoroscope for Image Guided Orthopaedic Surgery," <i>CAOS</i> , pp. 212-214 (2002) | |
| | 371. | Tenbusch, <i>et al.</i> , "First Results Using the Robodoc® System for Total Knee Replacement," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgrey, Davos, Switzerland, Feb. 8-10, 2001 | |
| | 372. | Valstar, et al., "Towards computer-assisted surgery in should joint replacement," <i>ISPRS Journal of Photogrammetry & Remote Sensing</i> , 56:326-337 (2002) | |
| | 373. | Stryker Navigation System brochure entitled "...best alignment for gap kinematics," 6 pages (2001) | |
| | 374. | BrainLAB Brochure entitled "ORTHO...YOUR PARTNER FOR THE FUTURE" pp. 1-28 (2002) | |
| | 375. | Patent Abstracts of Japan, vol. 2002, no. 05, 03 May 2002 & JP 2002 017740A (Ochi Takahiro; Yonenobu Sakuo: MMT:KK) 22 January 2002 Abstract | |
| | 376. | iON™ Smith & Nephew Orthopaedics Brochure entitled "You'll Never Look At Your Patients The Same Way Again." 10 pages (January 2001) | |
| | 377. | Smith & Nephew – Orthopaedics – TriGen Reducer http://www.smithnephew.com/US/Standard.asp?NodeID=2996 , one page (01/21/03) | |
| | 378. | Smith & Nephew – Orthopaedics – TriGen Flexible Reamer System http://www.smithnephew.com/US/Standard.asp?NodeID=2998 , 02 pages (01/21/03) | |
| ↓ | 379. | AO Development Institute "MEPUC Motorized Exact Positioning Unit..." one page (03/26/03) http://www/ao-asif.ch/development/adi/examples/mepuc.shtml | |

| | | | |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol | Date Considered | 10/12/2007 |
|--------------------|----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|----|----|----|--------------------------|------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/760,999 |
| | | | | Filing Date | January 20, 2004 |
| | | | | First Named Inventor | Mark HARBAUGH |
| | | | | Art Unit | 3732 |
| | | | | Examiner Name | |
| Sheet | 13 | of | 13 | Attorney Docket Number | 50642/287728 |

| | | | |
|------|------|---|--|
| /DE/ | 380. | AO Development Institute "MEPUC Motorized Exact Positioning Unit for C-arm," one page (07/07/03) http://www.ao-asif.ch/development/adi/examples/mepuc.shtml | |
| | 381. | Smith & Nephew – Orthopaedics – CAS – Knees "Computer Assisted Total Knee Replacement Surgery, 02 pages (10/13/2004) http://ortho.smith-nephew.com/us/Standard.asp?Nodeld=3396 | |
| | 382. | Smith & Nephew ORTHOPAEDIC product bulletin , 01 page | |
| | 383. | Smith & Nephew Brochure entitled "Surgical Technique Mini Incision Hip Posterior Approach," 20 pages (03/03) | |
| | 384. | TRICON TOTAL KNEE SYSTEM, "TRICON-M® with PRO-FIT™ Surgical Procedures," RICHARDS Brochure, pp. 1-29 (undated) | |
| | 385. | SMITH & NEPHEW RICHARDS GENESIS® TOTAL KNEE SYSTEM, "REVISION POSTERIOR REFERENCING INSTRUMENTAION SURGICAL TECHNIQUE," Brochure, pp. 1-51 (12/1993) | |
| | 386. | SMITH & NEPHEW RICHARDS GENESIS® "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE ANTERIOR REFERENCING INSTRUMENTATION," PP. 59 (12/1993) | |
| | 387. | SMITH & NEPHEW GENESIS II "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE," Brochure, pp. 1-36 (03/2001) | |
| | 388. | Smith & Nephew First Choice in Orthopaedics Brochure Entitled "ACHIEVE Computer Assisted Surgery Trauma Applications The Orbiter Base Station & Satellite Surgical Platform," 18 pages (undated) | |
| | 389. | Medtronic Surgical Navigation Technologies SNT VERTEK photograph, one page (undated) | |
| | 390. | Medtronic Surgical Navigation Technologies System Components photograph VERTEK PLATFORM, one page (undated) | |
| | 391. | Medtronic Surgical Navigation Technologies "Overview Image-Guided Surgery An Advanced Solution to Traditional Surgery," two pages (undated) | |
| ✓ | 392. | BONECRAFT CARNEGIE MELLON COMPUTER-AIDED BONE DEFORMITY CORRECTION Brochure, pp 1-5 (undated) | |

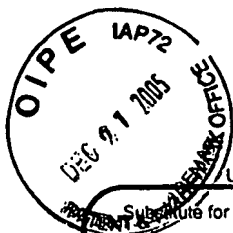
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|--------------------|-----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|--------------------------|------------------|------------------------|--------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | | | |
| | | Application Number | 10/760,999 | | |
| | | Filing Date | January 20, 2004 | | |
| | | First Named Inventor | Mark Harbaugh | | |
| | | Art Unit | 3731 | | |
| | | Examiner Name | Erezo, Darwin P. | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 50642/287728 |

| U.S. PATENT DOCUMENTS | | | | | |
|---|--------------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| /DE/ | | US-4,565,192 | 01/21/1986 | Shapiro | |
| | | US-4,574,794 | 03/11/1986 | Cooke, et al. | |
| | | US-4,703,751 | 11/03/1987 | Pohl | |
| | | US-4,938,762 | 07/03/1990 | Wehrt | |
| | | US-5,049,149 | 09/17/1991 | Schmidt | |
| | | US-5,364,401 | 11/15/1994 | Ferrante, et al. | |
| | | US-5,445,642 | 08/29/1995 | McNulty, et al. | |
| | | US-5,683,397 | 11/04/1997 | Vendrely, et al. | |
| | | US-5,688,279 | 11/18/1997 | McNulty, et al. | |
| | | US-5,693,056 | 12/02/1997 | Carls, et al. | |
| | | US-5,704,941 | 01/06/1998 | Jacober, et al. | |
| | | US-5,797,924 | 08/25/1998 | Schulte, et al. | |
| | | US-5,897,559 | 04/27/1999 | Masnie | |
| | | US-6,073,044 | 06/06/2000 | Fitzpatrick, et al. | |
| | | US-6,554,837 B1 | 04/29/2003 | Hauri, et al. | |
| | | US-6,827,723 | 12/07/2004 | Carson | |
| | | US-2001/0036245 A1 | 11/01/2001 | Kienzle, III, et al. | |
| | | US-2003/0225329 A1 | 12/04/2003 | Rossner, et al. | |
| | | US-2005/0021037 | 01/27/2005 | McCombs et al. | |
| | | US-2005/0113658 A1 | 05/26/2005 | Jacobson, et al. | |
| | | US-2005/0113846 A1 | 05/26/2005 | Carson | |
| | | US-2005/0113659 A1 | 05/26/2005 | Pothier | |
| | | US-2005/0109855 A1 | 05/26/2005 | McCombs | |
| | | US-2005/0119639 A1 | 06/02/2005 | McCombs | |
| | | US-2005/0124988 A1 | 06/09/2005 | Terrill-Grisoni et al. | |
| | | US-2005/0149041 A1 | 07/07/2005 | McGinley | |
| | | US-2005/0159759 A1 | 07/21/2005 | Harbaugh et al. | |
| | | US-2005/0197569 A1 | 09/08/2005 | McCombs | |
| | | US-2005/0228266 | 10/13/2005 | McCombs | |
| | | US-2005/0228404 | 10/13/2005 | Vandevelde | |
| | | US-2005/0234332 | 10/20/2005 | Murphy | |
| | | US-2005/0234465 | 10/20/2005 | McCombs | |
| | | US-2005/0234466 | 10/20/2005 | Stallings | |
| | | US-2005/0234468 | 10/20/2005 | Carson | |
| | | US-2005/0245808 | 11/03/2005 | Carson | |
| | | | | | |
| Examiner Signature | /Darwin Erezo/ | | Date Considered | 10/12/2007 | |
| ¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | |

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark Harbaugh |
| Art Unit | 3731 |
| Examiner Name | Erezo, Darwin P. |
| Attorney Docket Number | 50642/287728 |

Sheet

of

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| ↓ DE/ | | WO 97/29683 | 08/21/1997 | Biosense, Inc. | | |
| | | WO 02/24096 A1 | 03/28/2002 | Medtronic, Inc. | | |
| | | WO 03/068090 A1 | 08/21/2003 | Smith & Nephew, Inc. | | |
| | | WO 2004/001569 A2 | 12/31/2003 | Cedara Software Corp. | | |
| | | WO 2004/017842 A2 | 03/04/2004 | Orthosoft, Inc. | | |
| | | WO05/048851 A1 | 06/02/2005 | Smith & Nephew, Inc. | | |
| | | WO05/053559 A1 | 06/16/2005 | Smith & Nephew, Inc. | | |
| | | WO05/070312 A1 | 08/04/2005 | Smith & Nephew, Inc. | | |
| | | WO 2005/070319 A1 | 08/04/2005 | Smith & Nephew, Inc. | | |
| | | WO 2005/072629 A1 | 08/11/2005 | Smith & Nephew, Inc. | | |
| | | WO 2005/096982 | 10/20/2005 | Smith & Nephew, Inc. | | |
| | | EP 0 380 451 A2 | 08/01/1990 | G. Cremascoli | | |
| | | EP 0 415 837 A2 | 03/06/1991 | Commissariat A. L'Energie | | |
| | | DE 201 03 416 U1 | 07/05/2001 | BrainLAB | | |
| | | DE 100 45 381 A1 | 04/11/2002 | Aesculap AG | | |

Examiner
Signature

/Darwin Erezo/

Date
Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark Harbaugh |
| Art Unit | 3731 |
| Examiner Name | Erezo, Darwin P. |
| Attorney Docket Number | 50642/287728 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--|--------------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| /DE/ ↓ | | US-100,602 | 03-08-1870 | Coes | |
| | | US-4,583,554 | 04-22-1986 | Mittelman et al. | |
| | | US-4,991,579 | 02-12-1991 | Allen | |
| | | US-5,016,639 | 05-21-1991 | Allen | |
| | | US-5,037,426 | 08-06-1991 | Goble et al. | |
| | | US-5,094,241 | 03-10-1992 | Allen | |
| | | US-5,097,839 | 03-24-1992 | Allen | |
| | | US-5,119,817 | 06-09-1992 | Allen | |
| | | US-5,211,164 | 05-18-1993 | Allen | |
| | | US-5,397,329 | 03-14-1995 | Allen | |
| | | US-6,187,145 | 12-26-2000 | Foley, et al. | |
| | | US-6,820,168 | 10-16-2003 | Lombardo et al. | |
| | | US-6,875,040 | 01-06-2004 | Eric R. Cosman | |
| | | US-2001/0034530 A1 | 10-25-2001 | Malackowski, et al. | |
| | | US-2002/0115934 A1 | 08-22-2002 | Tuke | |
| | | US-2004/0030237 A1 | 02-12-2004 | Lee, et al. | |
| | | US-2004/0030245 A1 | 02-12-2004 | Noble, et al. | |
| | | US-2004/0054489 A1 | 03-18-2004 | Moctezuma De La Barrera | |
| | | US-2004/0167391 A1 | 08-26-2004 | Solar et al. | |
| | | US-2005/0228404 A1 | 10-13-2005 | Dirk Vandeveldde | |
| | | US-2005/0234332 A1 | 10-20-2005 | Stephen B. Murphy | |
| | | US-2005/0245808 A1 | 11-03-2005 | Christopher P. Carson | |
| | | US-2005/0279368 A1 | 12-22-2005 | Daniel L. McCombs | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ² |
|--------------------------|--------------------------|---|-----------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| /DE/ ↓ ↓ ↓ ↓ | | DE 296 00 990 | 01-20-1996 | Elekta Instrument | | |
| | | WO 03/039377 | 05-15-2003 | DepuyFrance | | |
| | | WO 2005/096982 | 10-20-2005 | Daniel McCombs | | |
| | | WO 2005/104977 | 11-10-2005 | Smith & Nephew, Inc. | | |
| | | WO 2005/104978 | 11-10-2005 | Smith & Nephew, Inc. | | |
| | | EP 1 442 715 | 08-04-2004 | Surgical Navigation | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| /DE/ | | NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMS), "Questions & Answers about...Knee Problems". 36 pp. (May 2001) | |

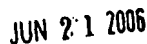
Examiner
Signature

/Darwin Erezo/

Date
Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute Form 1449A/PTO

(Use as many sheets as necessary)

Sheet

1

Q

3

Complete if Known

Application Number

10/760.999

Filing Date

January 20, 2004

First Named Inventor

Harbaugh

Art Unit

3731

Examiner Name

Erezo, Darwin P.

Attorney Docket Number

50642/287728

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|-----------------------|--|--------------------------------|---|---|
| | | Number - Kind Code ² (if known) | | | |
| I D E / | | US- 5,305,203 | 04-19-1994 | Raab | |
| | | US- 5,445,168 | 08-29-1995 | Taylor | |
| | | US- 2002/0032451 A1 | 03-14-2002 | Tiemey, et al. | |
| | | US- 2004/0073279 A1 | 04-15-2004 | Malackowski, et al. | |
| | | US- 6,728,599 | 04-27-2004 | Wang | |
| | | US- 2004/0087852 A1 | 05-08-2004 | Chen, et al. | |
| | | US- 2004/0097952 A1 | 05-20-2004 | Sarin, et al. | |
| | | US- 6,785,593 | 08-31-2004 | Wang | |
| | | US- 6,799,088 | 09-28-2004 | Wang | |
| | | US- 2004/0254586 | 12-16-2004 | Sarin | |
| | | US- 6,836,703 | 12-28-2004 | Wang | |
| | | US- 2005/0021043 | 01-27-2005 | Jansen | |
| | | US- 6,871,117 | 03-22-2005 | Wang | |
| | | US- 6,892,112 | 05-10-2005 | Wang | |
| | V | | US- 2005/0149003 A1 | 07-07-2005 | Tiemey, et al. |
| | | US- 2005/0148843 | 07-07-2005 | Roose | |
| | | US- 2005/0177172 | 08-11-2005 | Acker | |
| Examiner Signature | /Darwin Erezol | | Date Considered | 10/12/2007 | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Harbaugh |
| Art Unit | 3731 |
| Examiner Name | Erezo, Darwin P. |
| Attorney Docket Number | 50642/287728 |

Sheet 2 of 3

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| /DE/ | | WO 1986/05384 | 09-25-1986 | Minnesota Mining and Manuf | | |
| | | WO 1989/09570 | 10-19-1989 | Albrektsson | | |
| | | WO 2001/34050 A2 and A3 | 05-17-2001 | Medtronic Surgical | | |
| | | WO 2003/034213 A2 | 04-24-2003 | Z-KAT Inc. | | |
| | | WO 2003/037192 A1 | 05-08-2003 | Sherry | | |
| | | WO 2003/071969 A1 | 09-04-2003 | Depuy International | | |
| | | WO 2004/029908 A1 | 04-08-2004 | Surgical Science | | |
| | | WO 2004/030556 A2 | 04-15-2004 | Orthosoft, Inc. | | |
| | | WO 2004/030559 A1 | 04-15-2004 | Orthosoft | | |
| | | WO 2004/08740 A1 | 10-07-2004 | Brevig | | |
| | | WO 2005/009303 A1 | 02-03-2005 | Echeverri | | |
| | | GB 2 224 937 | 05-23-1990 | Farmer | | |
| | | GB 2 397 769 A | 08-04-2004 | Sherry | | Abstr |
| | | EP 0 327 509 A1 | 08-09-1989 | Protek AG | | |
| | | EP 0 327 509 B1 | 08-09-1989 | Protek AG | | |
| | | EP 0 216 794 B1 | 12-13-1989 | Minnesota Mining and Manuf | | |
| | | EP 1 149 562 A2 | 10-31-2001 | Bristol-Myers Squibb | | |
| | | EP 1 236 450 A1 | 09-04-2002 | Biomet Inc. | | |
| | | EP 1 384 456 A2 | 01-28-2004 | Biomet Inc. | | |
| | | EP 1 405 603 A2 | 04-07-2004 | Bristol Myers Squibb | | |
| | | EP 1 435 223 A1 | 07-07-2004 | DePuy | | |
| | | EP 1 459 686 A2 | 09-22-2004 | Zimmer Tech. | | |
| | | EP 1 532 946 A2 | 05-25-2005 | Biomet Manuf | | |

| | | | |
|-----------------------|----------------|--------------------|------------|
| Examiner Signature | /Darwin Erezo/ | Date Considered | 10/12/2007 |
|-----------------------|----------------|--------------------|------------|

| | | | |
|--|---|--------------------------|------------------|
| Substitute for form 1449B/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 10/760,999 |
| | | Filing Date | January 20, 2004 |
| | | First Named Inventor | Harbaugh |
| | | Art Unit | 3731 |
| | | Examiner Name | Erezo, Darwin P. |
| | | Attorney Docket Number | 50642/287727 |
| (Use as many sheets as necessary) | | | |
| Sheet | 3 | of | 3 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /DE/ | | Smith & Nephew Total Hip Replacement Surgery, HipReplacementInfo.com, 3 pages, 11/08/2005 http://www/hipreplacementinfo.com/hip-total-replacement.htm | |
| | | Smith & Nephew Brochure, Design Features, "Opera" pp. 4-15 (1999) | |
| | | Corinth Surgeon Performs Revolutionary Hip Replacement, Mississippi Medical News, pp. 1-2 (11/17/2005) http://host1.bondware.com/~mississippi/news.php?viewStory=347 | |
| | | Dario, et al., 'Smart Surgical Tools and Augmenting Devices,' IEEE Trans. Rob. Autom., 19(5):782-792 (2003) | |
| | | Fernandez-Lozano, et al., 'Human-machine interface evaluation in a computer assisted surgical system,' Proc. IEEE Int. Conf. Rob. Autom., 2004:231-236 (2004) | |
| | | Martelli, et al., 'Criteria of interface evaluation for computer assisted surgery systems,' Int. J. Med. Informatics, 72:35-45 (2003) | |
| | | Visarius, et al., 'Man-machine interfaces in computer assisted surgery,' Computer Aided Surgery, pp. 102-107 (2004) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-----------------------|----------------|--------------------|------------|
| Examiner Signature | /Darwin Erezo/ | Date Considered | 10/12/2007 |
|-----------------------|----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

| | |
|------------------------|----------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Robert C. THORNBERRY |
| Art Unit | 3731 |
| Examiner Name | |
| Attorney Docket Number | 50642/287728 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| /DE/ ↓ | | US-5,947,971 | 09-1999 | Kuslich, et al. | |
| | | US-5,980,535 | 11-1999 | Barnett, et al. | |
| | | US-6,383,188 | 05-2002 | Kuslich, et al. | |
| | | US-6,993,374 B2 | 01-2006 | Sasso | |

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| /DE/ ↓ | | WO 2004/084740 | 10-07-2004 | Brevig | | |
| | | WO 2006/044367 A1 | 04-27-2006 | Smith & Nephew | | |
| | | WO 2006/060631 A1 | 06-08-2006 | Smith & Nephew | | |

Examiner
Signature

/Darwin Erez/

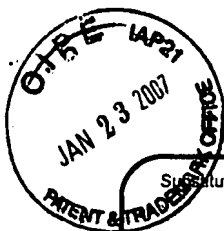
Date
Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/760,999 |
| Filing Date | January 20, 2004 |
| First Named Inventor | Mark HARBAUGH |
| Art Unit | 3731 |
| Examiner Name | |
| Attorney Docket Number | 50642/287728 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| /DE/ | | US-6,718,194 | 04-2004 | Kienzle | |
| /DE/ | | US-2006/0161051 A1 | 07-20-2006 | Temil-Grisoni, et al. | |
| | | | | | |
| | | | | | |

NON-U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ |
|------------------------|--------------------------|---|-----------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| /DE/ | | WO 2006/078236 A1 | 07-27-2006 | Smith & Nephew, Inc. | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
Signature

/Darwin Erezol/

Date
Considered

10/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER
APR 20 2007

PTO/SB/08b(06-03)

Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| | | | |
|---|------------------------|--------------------------|------------------|
| Substitute for form 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10780,999 |
| | | Filing Date | January 20, 2004 |
| | | First Named Inventor | Harbaugh |
| | | Art Unit | 3731 |
| | | Examiner Name | Erezo, Darwin P. |
| Sheet 1 of 1 | Attorney Docket Number | 50642/287728 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /DE/ | | *"Implant" Merriam-Webster Online Dictionary (online), Retrieved from the Internet <URL: www.m-w.com | |

| | | | |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Darwin Erezo/ | Date Considered | 10/12/2007 |
|--------------------|----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|---|--------------------------|------------------|
| Substitute for form 1449A/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 10/760,999 |
| | | Filing Date | January 20, 2004 |
| | | First Named Inventor | HARBAUGH |
| | | Art Unit | 3731 |
| | | Examiner Name | |
| (Use as many sheets as necessary) | | Attorney Docket Number | 60642/287728 |
| Sheet | 1 | of | 1 |

| U.S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------------------|---|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (# known) | | | |
| /DE/ | | US-6,096,048 | 08/2000 | Howard, et al. | |

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /Darwin Erezol/ | Date Considered | 10/12/2007 |
|-----------------------|-----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.